

Attorney Docket No. 3811-0109P

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING:**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT AND DESIGN APPLICATIONS**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: "SILOXANE-BASED RESIN AND METHOD FOR FORMING INSULATING FILM BETWEEN INTERCONNECT LAYERS IN SEMICONDUCTOR DEVICES BY USING THE SAME"

Fill in Appropriate  
Information -  
For Use Without  
Specification  
Attached:

the specification of which is attached hereto. If not attached hereto,

the specification was filed on March 27, 2002 as

United States Application Number 10/105,723

and amended on \_\_\_\_\_ (if applicable) and/or

the specification was filed on \_\_\_\_\_ as PCT

International Application Number \_\_\_\_\_; and was

amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s)****Priority Claimed**

Insert Priority  
Information:  
(if appropriate)

2001-15884

Korea

March 27, 2001

☒

☐

(Number)

(Country)

(Month/Day/Year Filed)

Yes

No

2001-56798

Korea

September 14, 2001

☒

☐

(Number)

(Country)

(Month/Day/Year Filed)

Yes

No

(Number)

(Country)

(Month/Day/Year Filed)

☐

☐

Yes

No

(Number)

(Country)

(Month/Day/Year Filed)

☐

☐

Yes

No

I hereby claim the benefit under Title 35, United States Code, §119(c) of any United States provisional applications(s) listed below.

Insert Provisional  
Application(s):  
(if any)

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Country

Application Number

Date of Filing (Month/Day/Year)

Insert Requested  
Information:  
(if appropriate)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S.  
Application(s):  
(if any)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

Attorney Docket No. 3811-0109P

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Donald J. Daley	(Reg. No. 34,313)
John W. Bailey	(Reg. No. 32,881)	John A. Castellano	(Reg. No. 35,094)
Gary D. Yacura	(Reg. No. 35,416)	Thomas S. Auchterlonie	(Reg. No. 37,275)
Marc J. Nuell	(Reg. No. 36,623)		

Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP** or **Customer No. 2292**  
P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First  
or Sole Inventor  
Invent Name of  
Inventor  
Invent Date Line  
Document is Signed

Invent Residence  
Invent Citizenship

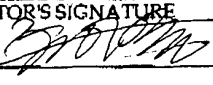

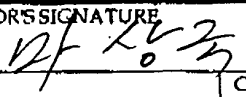

Invent Post Office  
Address

Full Name of Second  
Inventor, if any  
see above

Full Name of Third  
Inventor, if any  
see above

Full Name of Fourth  
Inventor, if any  
see above


Page 2 of 2  
(Kov. 01/22/01)

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Yi Yeol LYU		2002.05.07
Residence (City, State & Country)	CITIZENSHIP	
Daejun-Shi, 305-761 Republic of Korea	Korean	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
201/102 Expo Apartment, Juumin-Dong, Yusung-Gu, Daejun-Shi, 305-761 Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
In Heong YIM		2002.05.07
Residence (City, State & Country)	CITIZENSHIP	
Daejun-Shi, 305-390 Republic of Korea	Korean	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
108/106 Saejong Apartment, Juumin-Dong, Yusung-Gu, Daejun-Shi, 305-390 Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Sang Kook MAH		2002.05.07
Residence (City, State & Country)	CITIZENSHIP	
Seoul, 150-762 Republic of Korea	Korean	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
10/905 Kwangjang Apartment, Yoido-Dong, Yongsungpo-Gu, Seoul, 150-762 Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Eun Ju NAH		2002.05.07
Residence (City, State & Country)	CITIZENSHIP	
Daejun-Shi, 301-150 Republic of Korea	Korean	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
108/1602 Purunnei Apartment, Taepyeong-Dong, Chung-Gu, Daejun-Shi, 301-150 Republic of Korea		

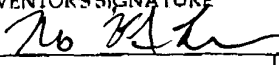
\*DATE OF SIGNATURE

Attorney Docket No. 3811-0109P

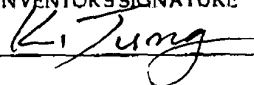
Full Name of First  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME Il Sun HWANG	INVENTOR'S SIGNATURE 	DATE* 2002.05.07
Residence (City, State & Country) Daejun-Shi, 301-142 Republic of Korea		CITIZENSHIP Korean
MAILING ADDRESS (Complete Street Address including City, State & Country) Yuchun-2 Dong 182-2, Chung-Gu, Daejun-Shi, 301-142 Republic of Korea		

Full Name of Sixth  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME Hyun Dam JEONG	INVENTOR'S SIGNATURE 	DATE* 2002.05.07
Residence (City, State & Country) Suwon-Shi, Kyungki-Do, 442-707 Republic of Korea		CITIZENSHIP Korean
MAILING ADDRESS (Complete Street Address including City, State & Country) 111/802 Evergreen Byucksan Apartment, Mangpo-Dong 488, Paldal-Gu, Suwon-Shi, Kyungki-Do, 442-707 Republic of		

Full Name of Seventh  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME Jung Hyung KIM	INVENTOR'S SIGNATURE 	DATE* 2002.05.07
Residence (City, State & Country) Daejun-Shi, 305-340 Republic of Korea		CITIZENSHIP Korean
MAILING ADDRESS (Complete Street Address including City, State & Country) 6/202 Joint Control Apartment, Dorong Dong, Yusung-Gu, Daejun-Shi, 305-340 Republic of Korea		

Full Name of Eighth  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)		

Full Name of Ninth  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)		

Full Name of Tenth  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)		

Full Name of Eleventh  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)		

Full Name of Twelfth  
Inventor, if any  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)		